

Title (en)

APPARATUSES AND METHODS FOR FORMING AN INSTRUMENTED CUTTING FOR AN EARTH-BORING DRILLING TOOL

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR HERSTELLUNG EINES INSTRUMENTIERTEN SCHNITTES FÜR EIN ERDBOHRWERKZEUG

Title (fr)

APPAREILS ET PROCÉDÉS POUR FORMER UNE COUPE INSTRUMENTÉE POUR UN OUTIL DE FORAGE DU SOL

Publication

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Application

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Abstract (en)

[origin: WO2020010241A1] An instrumented cutting element, an earth-boring drilling tool, and related methods are disclosed. The instrumented cutting element may include a substrate base, a diamond table disposed on the substrate base, a sensor disposed within the diamond table, a lead wire coupled to the sensor and disposed within a side trench formed within the substrate base, and a filler material disposed within the side trench. The earth-boring drilling tool may include securing the instrumented cutting element to a blade of a bit body. A related method may include forming the instrumented cutting element and earth-boring drilling tool.

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